

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)				Docket No. 10454-017001		Serial No. 10/006,492	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant Toll, et al.		Confirmation No.:	
(Use several sheets if necessary)				Filing Date December 3, 2001		Group 1631	
Examiner Allen, M.							
U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate	
	A1						
	A2						
Foreign Patent Documents							
*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
	B1					YES	NO
	B2					<input type="checkbox"/>	<input type="checkbox"/>
OTHER ART							
*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.						
<i>mpa</i>	AI	Bucher, P. et al., "A Flexible Motif Search Technique based on Generalized Profiles," Computers and Chemistry, Vol. 20, pp 3-24, January 1996					
	AN	Eddy, S.R., "Hidden Markov Models," Current Opinion in Structural Biology, Vol. 6, pp 361-365, 1996					
	AO	Eddy, S., "Profile Hidden Markov Models," Bioinformatics Review, 14(9), pg 755-763, 1998					
	AP	Eddy, et al., "Maximum Discrimination Hidden Markov Models of Sequence Consensus," J. Computational Biology, 2(1), pp. 9-23, 1995					
	AQ	Eddy, S.R., "Multiple Alignment Using Hidden Markov Models," Proc. Third Int. Conf. Intelligent Systems for Molecular Biology, AAAI Press, Menlo Park, pp 114-120, PostScript, 1995.					
	AR	Grate, et al., "Tutorial Stochastic Modeling Techniques: Understanding and Using Hidden Markov Models," University of California, Santa Cruz, CA pp 1-34, June 1996; www.cse.ucsc.edu/research/compbio/sam.html ; Tutorial allegedly used at ISMB, June, 1996					
	AT	Grundy et al., "Meta-MEME. Motif-Based Hidden Markov Models of Protein Families," Computer Applications					
	AY	Karchin et al., "Weighting Hidden Markov Models for Maximum Discrimination," Bioinformatics, 14(9), pp 772-782, 1998					
	AGG	McClure, et al., "Parameterization studies from the SAM and HMMER methods of hidden Markov Model," Proc. Fourth Int. Conf. Intelligent Systems to Molecular Biology 155-164 UNLV, Las Vegas, 1996					
	ANN	Tarnas, et al., "Reduced space hidden Markov model training," Bioinformatics, 14(5), 401-406, 1998					
Examiner	<i>maallen</i>			Date Considered <i>3/18/04</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.							